



Pacific Coast

Past and Future



White seabass weighing 78 pounds.
Calif. Record for recreational
hook and line fishing.

Apr 4, 2002

Pacific RecFIN Sampling 1980-2002



Fisheries Technician collecting data

Basic MRFSS Methodology

[Marine Recreational Fisheries Statistics Survey]

- Effort:
 - Household Survey of Coastal Counties by RDD expanded against Census Data to estimate angler trips by mode of fishing
- Catch:
 - Random Sample of anglers at sites randomly drawn weighted by expected fishing pressure by mode.

California Sampling Programs

MRFSS - 1979-1989, 1993-date

Ocean Salmon Sampling Program (OSP)

Party/Charterboat Survey [Not now Active]

Launch Ramp Survey [Not now Active]



Oregon Sampling Program

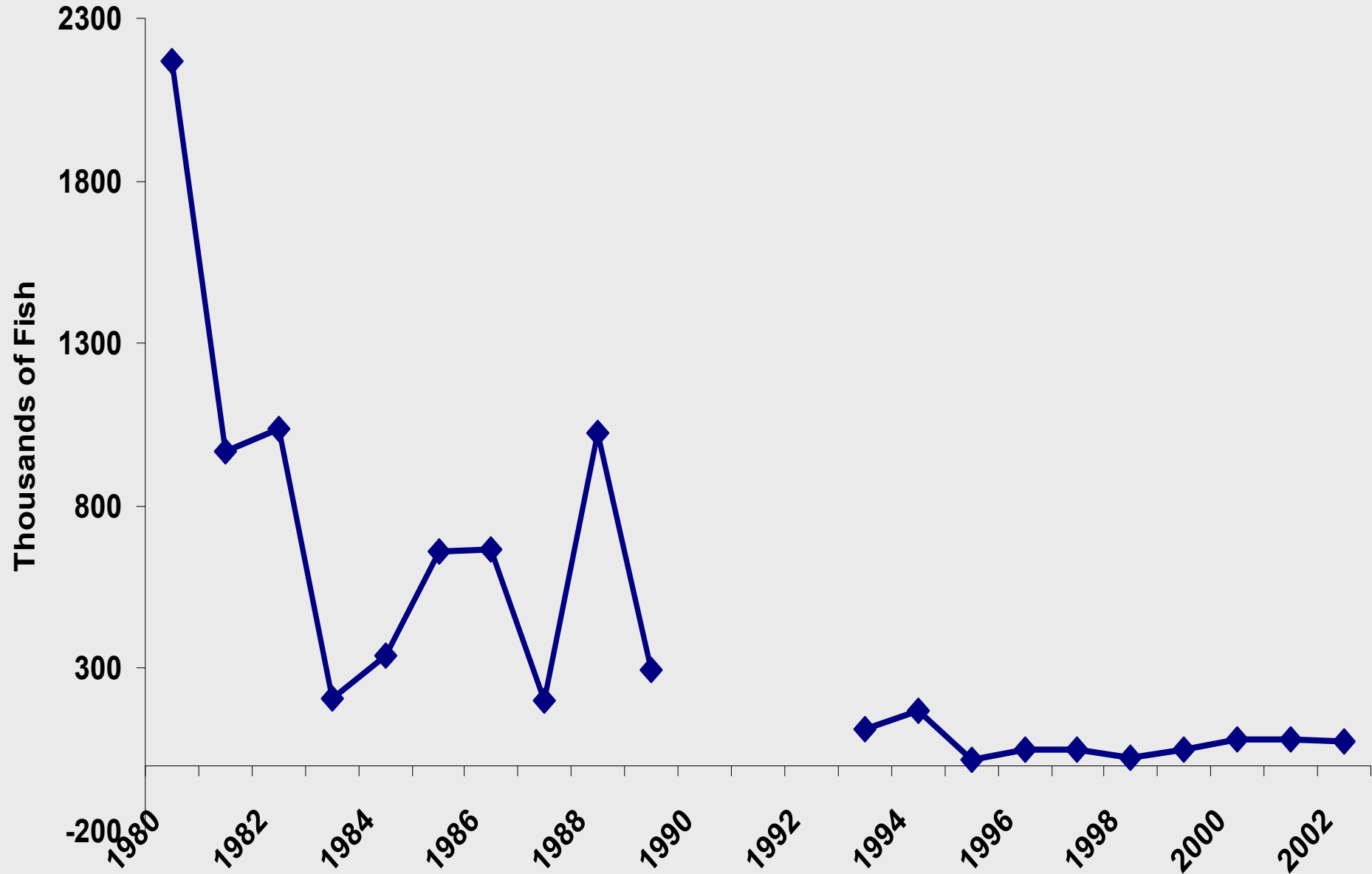
- ORBS – Ocean Recreational Boat Survey
[Mar – Oct]
- MRFSS – Shore, Inland Boats [Jan-Dec]
and Ocean Boats [Oct – Feb]

Washington Sampling Program

- OSP – Ocean Sampling Program –
All Ocean boats [Apr-Oct]
- MRFSS – Puget Sound Sampling – All
Modes, all year.
- PSBS – Puget Sound Boat Survey –
Samples all boats during salmon season.



Estimated Total Harvest of Bocaccio in SoCal (1980 through Oct-2002)





Washington Sampling Changes

[July 2003 forward]

- Continue OSP and Add Data Elements
 - Effort: Daily Vessel exit counts at all ports
 - Catch: Dockside sampling at all ports (53%)
- Incorporate MRFSS Sampling into State Puget Sound Boat Survey
 - Effort: Two-month Angler License Frame Sampling
 - Catch: Dockside random sampling
- Terminate MRFSS Methodology
- Shore sampling only at 3-year intervals.

Oregon Sampling Changes

[July, 2003 forward]

- ORBS – Expand ORBS [Ocean Boat Survey] to perhaps include minor ports/season of operation.
 - Add ride-a-longs on random boats
- Ocean Shore and Inland Shore and Boat Fisheries
 - Effort: Angler License Frame Sampling
 - Catch: Random sampling of sites weighted by expected fishing pressure
- Terminate MRFSS methodology

California Sampling Changes

[July, 2003 forward]

- Effort Estimators:
 - Current:
 - **Party/Charterboats**
 - **Party/Chaterboat Phone Survey [PCPS]** - Weekly vessel survey of Skippers (10%) to estimate effort.
 - NEW:
 - **Shore** – Roving Angler Counts at Sites
 - **Private Boats** –
 - Public Sites: Launch Ramp Counts and activity ratios
 - Private Sites: Angler Panel Profiles & on-site sampling

California Sampling Changes

[July, 2003 forward]

- Catch Estimators:
 - **Party/Charterboat** – Random Sampler Ride-a-longs at all sites weighted by expected pressure
 - **Private Boats** –
 - Public Sites: Random sample of all boats at sites to profile catch and angler data + add 100% salmon trip sample at that site with short data form
 - Private Sites: -Panel of anglers and private marina samples
 - **Shore** - Random sample of all sites weighted by expected fishing pressure.

Additional CA Methods to be Explored 2004-2005

- **License Ticket Book Subsample** — Front license in each 20 license book as license frame subsample for effort sampling frame
- **ALDS** - Angler License Directory Survey — Complete angler electronic license directory for effort sample frame



Pacific States Marine Recreational Fisheries Monitoring

A project of the [Pacific States Marine Fisheries Commission](#)



[DATA](#) - Databases, queries, catch samples and estimates



[SURVEYS](#) - Marine angler surveys provide the data



[MEMBERS](#) - Agencies who collect the data



[OPERATIONS](#) - Data management area (password required)



[COMMITTEES](#) - People who coordinate the data



[DETAILS](#) - More about RecFIN

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Marine Recreational Fisheries Data

Access

The [Marine Recreational Fisheries Statistical Survey](#) (MRFSS) is the base for our database.

- There are about 4,000 records in each year of catch estimates.
- There are about 60,000 fish in each year of sample data.

Pacific Coast Data Queries

-  [Summarize Marine Recreational Estimates](#) **NEW!** Added user defined species groups.
-  [Download Estimate Files](#)
-  [Summarize Marine Recreational Sample Data](#)
-  [Download Sample Data Files](#)
-  [Bag Frequency Analysis](#) **NEW!** Added user defined species groups.
-  [Length Frequency Analysis](#)